



LOCAL NOTICE TO MARINERS

U.S. Department of Transportation

United States Coast Guard



WEEKLY EDITION

January 28, 2003

Issued by:

Commander, Seventh Coast Guard District
 909 SE 1st Avenue, Miami, Florida 33131-3050
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 Office hours 7:30 a.m. - 4:00 p.m., M-F

For questions, comments and suggestions,
 call Mrs. Jan Austin at (305) 415-6752 or
 Email: jaustin@d7.uscg.mil

The Local Notice to Mariners is available online at:
<http://www.navcen.uscg.gov/lnm/d7>

BROADCAST NOTICE TO MARINERS

Navigation information having been of immediate concern to the Mariner, and promulgated by the following broadcasts, has been incorporated in this notice when still effective:

- CCGD7 (D7) BNM 119-03 to 173-03
- GROUP CHARLESTON (CHA) BNM 021-03 to 026-03
- GROUP MAYPORT (MAY) BNM 035-03 to 043-03
- GROUP MIAMI (MIA) BNM 033-03 to 048-03
- GROUP KEY WEST (KEY) BNM 009-03 to 011-03
- GROUP ST. PETERSBURG (STP) BNM 110-03 to 142-03
- SAN JUAN GANTSEC (GAN) BNM 044-03 to 056-03

NOTES:

- (1) Unless otherwise indicated, missing and destroyed structures are presumed to be in the immediate vicinity, mariners should proceed with caution.
- (2) The Local Notice to Mariners consists of a Monthly Edition and Weekly Supplemental. The Monthly Edition should be maintained as a reference. Recurring information is published only once a month.
- (3) To change your mailing address, start or discontinue receiving this publication, please call (305) 415-6730 or send an email to Mr. Bernie Dukes at: bdukes@d7.uscg.mil

REFERENCES:

Light List, Vol. III, Atlantic and Gulf Coasts, 2002 Edition (COMDTPUB P16502.3).
 U.S. Coast Pilot 4, Atlantic Coast: Cape Henry to Key West, 2002 (34th Edition).
 U.S. Coast Pilot 5, Atlantic Coast: Gulf of Mexico, Puerto Rico and Virgin Islands 2003 (30th Edition).

The United States Coast Guard Navigation Information Service (NIS)

The United States Coast Guard Navigation Information Service (NIS), operated by the USCG Navigation Center, is staffed 24 hours a day, 7 days a week. The NIS provides information on the current operational status, effective policies, and general information for GPS, DGPS, and LORAN-C. The NIS also disseminates Safety Broadcasts (BNM), Local Notice to Mariners (LNM), and the latest Notice Advisory to Navstar Users (NANU). NANU notices can be obtained via email subscription through the USCG Navigation Center website (<http://www.navcen.uscg.gov/gps/status/default.htm>). In addition, the NIS investigates all reports of degradation or loss of GPS, DGPS or LORAN service. Mariners are encouraged to report all degradation or loss of radio navigation services to the NIS via any of the following: Phone: (703) 313-5900, Email: webmaster@smtp.navcen.uscg.mil, or on the World Wide Web at: <http://www.navcen.uscg.gov>

REPORT DISCREPANCIES IN AIDS TO NAVIGATION TO THE NEAREST COAST GUARD UNIT

ABBREVIATION DEFINITIONS

ACOE -Army Corps of Engineers
 AICW -Atlantic Intracoastal Waterway
 BKW -Breakwater

ADRIFT -Buoy Adrift
 B -Buoy
 B -Refer to Light List (Pg. xiv)

BNM -	Broadcast Notice to Mariner	CG -	Refer to Light List (Pg. xv)
CHA -	Charleston, SC	CHAN -	Channel
CGD07 -	Coast Guard District Seven	CR -	Refer to Light List (Pg. xv)
C/O -	Cut Off	CONT -	Contour
CONSTR -	Construction	CRK -	Creek
CONST -	Construction	DBN -	Daybeacon
DBD/DAYBD -	Dayboard	DBN/DEST -	Daybeacon Destroyed
DBN IMCH -	Daybeacon Improper Characteristic	DISCON -	Discontinued
DMGD -	Daybeacon Damaged	EST -	Established Aid
EVAL -	Evaluation	EXT -	Extinguished
FL -	Flashing	F/S -	Fog Signal
GAN -	San Juan, PR	GICW -	Gulf Intracoastal Waterway
HAZ -	Hazard to Navigation	HBR -	Harbor
HOR -	Horizontal Clearance	HT -	Height
IMPCA -	Improper Characteristics	INL -	Inlet
INOP -	Not Operating	ISL -	Islet
KBG -	Refer to Light List (Pg. xv)	KBG-I -	Refer to Light List (Pg. xv)
KBR -	Refer to Light List (Pg. xv)	KBR-I -	Refer to Light List (Pg. xv)
KBW -	Refer to Light List (Pg. xv)	KEY -	Key West, FL
KGB -	Refer to Light List (Pg. xv)	KGB-I -	Refer to Light List (Pg. xv)
KGR -	Refer to Light List (Pg. xv)	KGR-I -	Refer to Light List (Pg. xv)
KGW -	Refer to Light List (Pg. xv)	KGW-I -	Refer to Light List (Pg. xvi)
KRB -	Refer to Light List (Pg. xvi)	KRB-I -	Refer to Light List (Pg. xvi)
KRG -	Refer to Light List (Pg. xvi)	KRG-I -	Refer to Light List (Pg. xvi)
KRW -	Refer to Light List (Pg. xvi)	KWB -	Refer to Light List (Pg. xvi)
KWB-I -	Refer to Light List (Pg. xvi)	KWG -	Refer to Light List (Pg. xvi)
KWG-I -	Refer to Light List (Pg. xvi)	KWR -	Refer to Light List (Pg. xvi)
KWR-I -	Refer to Light List (Pg. xvi)	LAT -	Latitude
LB -	Lighted Buoy	LBB -	Lighted Bell Buoy
LGB -	Lighted Gong Buoy	LONG -	Longitude
LMN -	Local Notice to Mariners	LT -	Light
LT CONT -	Light Continuous	LWB -	Lighted Whistle Buoy
MAY -	Mayport, FL	MIA -	Miami, FL
MISS -	Missing	MR -	Refer to Light List (Pg. xvi)
MR-I -	Refer to Light List (Pg. xvi)	N/A -	Not Available
NB -	Refer to Light List (Pg. xvi)	N/C -	Not Charted
ND -	Refer to Light List (Pg. xvi)	NG -	Refer to Light List (Pg. xvi)
NIMA -	National Imagery and Mapping Agency	NL -	Refer to Light List (Pg. xvi)
NO -	Number	NOS -	National Ocean Service
NR -	Refer to Light List (Pg. xvi)	NW -	Refer to Light List (Pg. xvi)
NW -	Notice Writer	NY -	Refer to Light List (Pg. xvi)
OBSCU -	Obscured	OBST -	Obstruction
OBSTR -	Obstruction	PRIV -	Private Aid
RBN -	Radio Beacon	REBUILT -	Aid Rebuilt
RECOVERED -	Aid Recovered	RED -	Red Buoy
REDINT -	Reduced Intensity	RRL -	Range Rear Light
RELIGHTED -	Aid Relighted	RELOC -	Relocated
RESET ON STATION -	Aid Reset on Station	RFL -	Range Front Light
RIV -	River	SEC -	Section
SG -	Green Square on pile	SG-SY -	Green Square with Yellow Square on pile
SHL -	Shoaling	SND -	Sound
STP -	St. Petersburg, FL	TEMP -	Temporary Aid Change
STM -	Statue Mile	TR -	Red Triangle on pile
TRLB -	Temporarily Replaced by Lighted Buoy	TRLT -	Temporarily Replaced by Light
TR-TY -	Red Triangle with Yellow Triangle on pile	TRUB -	Temporarily Replaced by Unlighted Buoy

I. SPECIAL NOTICES

SAFETY ADVISORY - MARINE TELEVISION ANTENNAE INTERFERENCE WITH GPS

This safety advisory applies to the Coast Guard cutter fleet and boat forces community and is provided for informational purposes only. It has come to the attention of the Coast Guard and Federal Communications Commission (FCC) that certain consumer electronics-grade active VHF/UHF marine television antennas are causing operational degradation in the performance of global positioning system (GPS) receivers. This interference may be realized as a display of inaccurate position information or a complete loss of GPS receiver acquisition and tracking ability.

The interference is not limited to the GPS equipment onboard the vessel with the installed active marine television antennae. There have been reports of interference occurring on other vessels and installations operating up to 2000 feet away from vessels using such antennas. In one particular case, the interference caused the position of the vessel as displayed on the electronic chart to move erratically and dramatically often across large expanses of land. As can be expected, various data displays indicated erroneous information such as excessive speeds. In these instances the problem would occasionally correct itself while at other times required resetting the system. To the vessel's crew these

annoyances were frustrating and caused concerns that perhaps less obvious inaccuracies were occurring. Ultimately this affected their confidence in the performance of the GPS and electronic chart display and information system.

The FCC identified the following models of marine television antennas as having potential problems during the investigation of GPS interference:
A. TDP (Tandy Distribution Products) Electronics - Mini State Electronic amplified UHF/VHF TV ANTENNA - MODELS 5MS740, 5MS750, AND 5MS921.

B. Radio Shack Corporation - Long Range Amplified Omni Directional TV Antenna - Model 15-1624.

C. Shakespeare Corporation - Seawatch - Models 2040/Code Date 02A00, 2050/Code Date 03A00 (Code dates are found on the antenna power supply).

The GPS interference problem may not be limited to the marine television models listed above.

4. If mariners experience outages or degradation of their GPS receiver operation, they should perform an on-off test of their marine television antennae. If turning off the power to the marine television antenna results in improvement in the GPS receiver performance, the marine television antenna may be the source of interference in the GPS band. In that case, the mariner should contact the manufacturer of the marine television antenna and identify the symptoms. If turning off the marine television antennae does not improve the GPS receiver performance or if mariners identify another marine television antenna (not listed above) with a GPS interference problem, mariners have been requested to contact the 24-hour Coast Guard Navigation Information Service At 703-313-5900 Or Email to NISWS@NAVCEN.USCG.MIL.

5. Questions or comments related to this information may be addressed to Mr. William Cairns (G-SCT-2) at 202-267-6599 / Email to WCAIRNS@COMDT.USCG.MIL or LCDR Kathryn L. Oakley (G-WKS-4) at 202-267-2965 / Email to KOAKLEY@COMDT.USCG.MIL.

Ref: LNM 03/03

GPS JAMMING EXERCISES

GPS Jamming Exercises will be conducted from January 13, 2003 to February 5, 2003 from 1100Q to 2300Q daily. Operating area: Select open ocean points A-C in the Puerto Rican operating area within 2 nautical miles of Alpha, 181200N/0751300W, AZIMUTH 180 degrees true to 225 degrees true, 100 watts ERP. within 5 nautical miles of Bravo, 183700N/0652000W, AZIMUTH 160 degrees true to 200 degrees true, 1 kilowatts ERP within 2 nautical miles of Charlie, 174500N/00661700W, AZIMUTH 105 degrees true to 170 degrees true, 100 watts ERP. For further information, contact Mr. Jimenez, Southcom at (305) 437-1661.

Ref: LNM 02 and 03/03

DGPS CHARLESTON, SC OFF AIR TIMES

Charleston, South Carolina DGPS will be off air from February 5, 2003, from 10:00 a.m. to 12:00 p.m. Alternate dates and times will be February 6, 2003, from 10:00 a.m. to 12:00 p.m. Users shall address inquiries to the DGPS Eastern Operations Control Officer (CWO2 Thomas Coyne) at 703-313-5811.

Ref: LNM 02 and 03/03

DGPS MACON (822) GEORGIA UNAVAILABILITY

Macon, Georgia DGPS has been briefly unavailable each day since January 14, 2003 due to recurring high Horizontal Dilution of Precision (HDOP). The site has recently experienced brief outages of six minutes daily beginning at 0954Z due to constellation orbits. Users should expect the potential outage to occur four minutes earlier each day. Alternate DGPS coverage is available from the Millers Ferry and Savannah DGPS sites. Users may address inquiries to the DGPS Eastern Operations Control Officer (CWO2 Thomas Coyne) at 703-313-5811.

Ref: LNM 03/03

DGPS MACON (822) GEORGIA OFF AIR TIMES

Macon, Georgia DGPS will be off air from February 8, 2003, from 9:00 a.m. to 11:00 a.m. Alternate dates and times will be February 9, 2003, from 9:00 a.m. to 11:00 a.m. Users shall address inquiries to the DGPS Eastern Operations Control Officer (CWO2 Thomas Coyne) at 703-313-5811.

Ref: LNM 01, 02 and 03/03

DGPS SAVANNAH (818) GEORGIA OFF AIR TIMES

Savannah, Georgia DGPS will be off air from February 12, 2003, from 9:00 a.m. to 11:00 a.m. Alternate dates and times will be February 13, 2003, from 9:00 a.m. to 11:00 a.m. Users shall address inquiries to the DGPS Eastern Operations Control Officer (CWO2 Thomas Coyne) at 703-313-5811.

Ref: LNM 01, 02 and 03/03

DATES OF LATEST EDITIONS, NAUTICAL CHARTS AND MISCELLANEOUS MAPS

The Dates of Latest Editions, Nautical Charts and Miscellaneous Maps, dated January 1, 2003, published by the National Ocean Service, is available for issue. It may be obtained free by mail from the National Aeronautical Charting Office, AVN-530, Federal Aviation Administration, 6303 Ivy Lane, Suite 400, Greenbelt MD, 20770-1479, by telephone at 1-800-638-8972 or from your local authorized nautical chart sales agent. This is a quarterly publication listing the most recent editions of nautical charts, miscellaneous maps and publications relating to navigation, weather, etc. with brief descriptions and up-to-date prices for most of the publications listed.

Ref: LNM 01, 02 and 03/03

SAFE BOATING AND SEAMANSHIP PROGRAMS

For addition information on CG Auxiliary Public Education Boating Programs, contact 1-800-336-2628 or <http://www.cgaux7.org/>.

HOST	DATES	TIME	LOCATION
U. S. Coast Guard Auxiliary Flotilla 42 (321) 773-7599	Continuous Boating Skills and Seamanship	7:30 p.m.– 9:30 p.m. (Tuesdays & Thursdays) 6 Weeks, 12 Lessons	Palm Bay Community Ctr 1502 Port Malabar Blvd Palm Bay, FL
U. S. Coast Guard Auxiliary Flotilla 78 (727) 360-7496	Continuous Boating Skills and Seamanship	7:30 p.m.– 9:30 p.m. (Thursdays) 13 Weeks	St Petersburg Bch Rec Ctr 7701 Boca Ciega Drive St Petersburg, FL
U. S. Coast Guard Auxiliary Flotilla 79 (813) 855-6997	Continuous Boating Skills and Seamanship	7:30 p.m.– 9:30 p.m. (Wednesdays) 13 Weeks	5108 Gandy Blvd Salty Sol Boat Ramp Tampa, FL
U. S. Coast Guard Auxiliary Flotilla 81 (941) 795-6189	Feb 04, 2003 Boating Skills and Seamanship	7:00 p.m.– 9:00 p.m. (Tuesdays & Thursdays) 7 Weeks	CG Aux Bldg, G T Bray Park 5801 33rd Ave Ct W Bradenton, FL
U. S. Coast Guard Auxiliary Flotilla 14-8 (904) 273-6808	Feb 01, 2003 Boating Safely (Register at 7:30 a.m.)	8:00 a.m. – 5:00 p.m. (Saturday)	Mandarin High School 4831 Greenland Road Jacksonville, FL
U. S. Coast Guard Auxiliary Flotilla 52 (561) 744-3876	Feb 05, 2003 Boating Skills and Seamanship	7:30 p.m.– 9:30 p.m. (Mondays & Wednesdays) 4 Weeks	Jupiter Lighthouse Park Jupiter, FL
U. S. Coast Guard Auxiliary Flotilla 8-6 (941) 488-1900	Feb 13, 2003 Boating Skills and Seamanship	6:30 p.m.– 9:00 p.m. (Mondays & Thursdays) 4 Weeks	1200 Harbor Drive Venice, FL
U. S. Coast Guard Auxiliary Flotilla 8-6 (941) 488-1900	Feb 13, 2003 Sailing Fundamentals	1:00 p.m.– 3:00 p.m. (Thursdays) 7 Weeks	1200 Harbor Drive Venice, FL
Crystal River Power Squadron Vinny Onorio (352) 666-8737	Feb 15, 2003 Use of Nautical Charts	9:00 a.m. – 12:00 p.m. (Saturdays) 4 Weeks	845 NE 3rd Ave Crystal River, FL
U. S. Coast Guard Auxiliary Flotilla 96 (239) 594-8009	Feb 15, 2003 Local Knowledge	9:00 p.m.– 11:00 a.m. (Saturday)	Public Education Facility Cocohatchee River Park Naples, FL
U. S. Coast Guard Auxiliary Flotilla 14-7 (904) 273-6808	Feb 15, 2003 Boating Safely (Register at 8:30 a.m.)	9:00 a.m. – 5:00 p.m. (Saturday)	Ponte Vedra Library Ponte Vedra, FL
U. S. Coast Guard Auxiliary Flotilla 14-9 (386) 467-8839	Feb 17 - 20, 2003 Boating Safely	7:00 p.m.– 9:00 p.m. (Monday - Thursday) 4 Sessions	Kay Larkin Airport Fire Station 500 Moody Road Palatka, FL
U. S. Coast Guard Auxiliary Flotilla 8-6 (941) 488-1900	Feb 19, 2003 Advanced Coastal Navigation	7:00 p.m.– 9:00 p.m. (Tuesdays & Wednesdays) 10 Weeks	1200 Harbor Drive Venice, FL
U. S. Coast Guard Auxiliary Flotilla 96 (239) 594-8009	Feb 20, 2003 Boating Skills and Seamanship	7:00 p.m.– 9:00 p.m. (Mondays & Thursdays)	Public Education Facility Cocohatchee River Park Naples, FL
U. S. Coast Guard Auxiliary Flotilla 54 (561) 738-7454	Feb 28, 2003 Boating Skills and Seamanship	7:30 p.m.– 9:30 p.m.. (Mondays & Wednesdays)	Boynton Bch Boat Club Park 2020 N Federal Hwy Boynton Beach, FL

Programs are free; there is a nominal fee for text workbooks, etc.

II. DISCREPANCIES-DISCREPANCIES CORRECTED

This section lists all discrepancies to Aids to Navigation reported and corrected since the last published list. A discrepancy is a change in the status of an aid to navigation that differs from what is published and or charted. **Unless otherwise indicated, missing and destroyed structures are presumed to be in the immediate vicinity. Mariners should proceed with caution.**

FEDERAL AID DISCREPANCIES:

LLNR	AID NAME	DISCREPANCY	CHART	BNM	LN
1210	NW Cape LT 4	LT EXT	11431	042-03 MIA	04/03
6610	St Marys N Jty LB 2NJ	LT IMCH	11489	040-03 MAY	04/03
15705	Flamingo Ch DBN 14	TRLB	11433	011-03 KEY	04/03
18090	Matanzas Pass Ch DBN 3	DBN DEST	11427	138-03 STP	04/03
30733	Puerto Arecibo B 4	OFF STA	25668	055-03 GAN	04/03
33647	Little Riv-Winyah Bay Obst DBN	DBN DEST	11534	026-03 CHA	04/03
48915	Dinner Key Ch LT 1	LT EXT	11467	036-03 MIA	04/03

FEDERAL AID DISCREPANCIES CORRECTED:

LLNR	AID NAME	DISCREPANCY	CHART	BNM	LN
610	Ponce de Leon Inl LT	WATCHING PROPERLY	11485	032-03 MAY	03/03
2485	Charleston Hbr N Ch Rng A Front LT	WATCHING PROPERLY	11524	024-03 CHA	04/03
2930	Cooper Riv LB 62	WATCHING PROPERLY	11524	321-01 CHA	51/02
4945	Ft Jackson Lower RFL	WATCHING PROPERLY	11512	019-03 CHA	03/03
6100	St Simons Snd Ent LB 14	WATCHING PROPERLY	11506	663-02 MAY	52/02
6155	Frederica Riv RFL	WATCHING PROPERLY	11507	N/A	04/03
6865	Cumberland Snd LB 39	WATCHING PROPERLY	11503	035-03 MAY	03/03
10125	St Lucie Inl B 5	WATCHING PROPERLY	11472	038-03 MIA	04/03
21475	Big Sarasota Pass B 3B	WATCHING PROPERLY	11425	N/A	04/03
22595	Tampa Bay Cut C Ch LB 2C	WATCHING PROPERLY	11412	095-03 STP	03/03
23220	Hillsborough Cut C Ch LB 17	WATCHING PROPERLY	11416	114-03 STP	03/03
23440	Hillsborough Cut C Ch N RRL	WATCHING PROPERLY	11416	115-03 STP	04/03
25470.5	Pass-A-Grille Ch B 5	WATCHING PROPERLY	11412	107-03 STP	03/03
26100	Anclote Anch S Ent LT 9	REBUILT/RECOVERED	11412	1082-01 STP	48/01
26155	Anclote Riv Ent DBN 4	WATCHING PROPERLY	11411	N/A	04/03
26305	Anclote Riv DBN 38	REBUILT/RECOVERED	11411	106-03 STP	04/03
30490.5	Steinhatchee Riv LT 14	WATCHING PROPERLY	11407	102-03 STP	03/03
30595	Keaton Beach LT 1	WATCHING PROPERLY	11407	1128-02 STP	42/02
37383	St Andrew Snd LB 31	WATCHING PROPERLY	11489	N/A	04/03
37515	Cumberland Riv DBN 40	WATCHING PROPERLY	11504	042-02 MAY	04/03
37650	Cumberland Snd Rng F Rear LT	WATCHING PROPERLY	11489	041-02 MAY	04/03
37810	Cumberland Snd LB 39	WATCHING PROPERLY	11503	035-03 MAY	03/03
41045	Mosquito Lagoon DBN 35	WATCHING PROPERLY	11485	031-03 MAY	03/03
41425	Indian Riv N Sec LT 48	WATCHING PROPERLY	11485	038-03 MAY	04/03
48180	Biscayne Bay DBN 20	WATCHING PROPERLY	11467	264-02 MIA	53/02
48385	Biscayne Bay DBN 47	WATCHING PROPERLY	11468	540-02 MIA	46/02
56615	Gasparilla Snd Ch DBN 12	WATCHING PROPERLY	11425	113-03 STP	04/03
61780	Clearwater Hbr DBN 10	REBUILT/RECOVERED	11411	1400-02 STP	48/02

PRIVATE AID DISCREPANCIES:

LLNR	AID NAME	DISCREPANCY	CHART	BNM	LN
17810	*Wiggins Pass DBN 11	DBN DEST	11427	142-03 STP	04/03
19060	*Coconut Ch DBN 6	HAZ NAV/DBN DEST	11427	N/A	04/03
46680	*Old Slip Marina DBN 4	DBN IMCH	11476	N/A	04/03
50905	*St. Lucie River (N Fork) DBN 11	DBN IMCH	11428	N/A	04/03
50925	*St. Lucie River (N Fork) DBN 15	DBN IMCH	11428	N/A	04/03
50930	*St. Lucie River (N Fork) DBN 17	DBN IMCH	11428	N/A	04/03
50940	*St. Lucie River (N Fork) DBN 20	DBN IMCH	11428	N/A	04/03
50945	*St. Lucie River (N Fork) DBN 21	DBN IMCH	11428	N/A	04/03
50950	*St. Lucie River (N Fork) DBN 23	DBN IMCH	11428	N/A	04/03
50955	*St. Lucie River (N Fork) DBN 25	DBN IMCH	11428	N/A	04/03
60095	*Perico Harbor Marina DBN 8	DBN DEST	11425	N/A	04/03

PRIVATE AID DISCREPANCIES CORRECTED:

LLNR	AID NAME	DISCREPANCY	CHART	BNM	LNM
12855	*Yellow Shark Ch B 15	WATCHING PROPERLY	11449	234-02 KEY	53/02
12860	*Yellow Shark Ch B 16	WATCHING PROPERLY	11449	235-02 KEY	53/02
14767.6	*Cow Key Channel 33	WATCHING PROPERLY	11446	231-02 KEY	53/02
49290	*Coral Gables WW DBN 2	WATCHING PROPERLY	11465	N/A	38/02
53960	*Deep Lagoon Marina Ch DBN 8	WATCHING PROPERLY	11427	N/A	53/02
55640	*South Seas Boat Basin DBN 1	WATCHING PROPERLY	11426	N/A	48/01
55660	*South Seas Boat Basin DBN 5	WATCHING PROPERLY	11426	N/A	48/01
55665	*South Seas Boat Basin DBN 6	WATCHING PROPERLY	11426	N/A	48/01
55810	*South Seas Plantation DBN 7	WATCHING PROPERLY	11426	N/A	46/01
55820	*South Seas Plantation DBN 9	WATCHING PROPERLY	11426	N/A	46/01
55830	*South Seas Plantation DBN 11	WATCHING PROPERLY	11426	N/A	48/01
55845	*South Seas Plantation DBN 14	WATCHING PROPERLY	11426	N/A	46/01

III. TEMPORARY CHANGES-AIDS ESTABLISHED:

LLNR	AID NAME	DISCREPANCY	CHART	BNM	LNM
2910	Cooper Riv Buoy 56B	RELOCATED FOR DREDGING	11524	025-03 CHA	04/03

TEMPORARY AIDS CORRECTED:

LLNR	AID NAME	DISCREPANCY	CHART	BNM	LNM
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None.

IV. CHART CORRECTIONS

(Explanation of Format)

Corrective action affecting charts is contained in this section. Chart corrections are listed numerically by chart number, beginning with the lowest and progressing through all charts affected. The correction listed pertains to that chart only. It is up to the mariner to decide which charts are to be corrected. The following example explains the individual elements of a typical correction.

Chart number	Chart edition	Edition date	Last Local Notice to Mariners	Reference datum	Source of correction	Current Notice to Mariners
11534	26th ed.	12/14/91	LAST LNM 41/92	NAD 83	(CDG07)	45/00
	Myrtle Grove Sound to Fear River to Casino Creek Add		*Boguse Channel Light 1, FI G 2.5s, 16 ft, 7M		32-48-00.000N	079-15-00.000W
	Corrective action	(Temp)	Object of corrective			Position action

The letter (M) immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. (TEMP) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true. Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (m). (*) Asterisk is used to identify Private Aids.

11408	28th ed.	11/01/2002	LAST LNM: 51/02	NAD 83	CGD07	04/03
	FL-CRYSTAL RIVER TO HORSESHOE POINT					
	CHANGE	Cross FL Barge Canal LT 21 to 16 feet		at	28-57-28.894N	082-50-45.934W
11409	27th ed.	01/30/1999	LAST LNM: 01/03	NAD 83	CGD07	04/03
	FL-ANCLOTE KEYS TO CRYSTAL RIVER					
	RELOCATE	Anclote Anch N Ent DBN 1		from to	28-13-25.183N 28-13-26.241N	082-48-14.423W 082-48-13.918W
	CHANGE	Cross FL Barge Canal LT 21 to 16 feet		at	28-57-28.894N	082-50-45.934W
11411	14th ed.	08/01/2002	LAST LNM: 53/02	NAD 83	CGD07	04/03
	FL - ICW -TAMPA BAY TO PORT RICHEY					
	RELOCATE	Anclote Anch N Ent DBN 1		from to	28-13-25.183N 28-13-26.241N	082-48-14.423W 082-48-13.918W

	CHANGE	Anclote Anch S Ent LT 9 to FI G 2.5s 16ft 3M (SG) at		28-09-33.735N	082-50-04.585W
	REMOVE	(PA) from St Joseph Snd DBN 2 (TR-TY) at		27-59-52.495N	082-48-00.169W
11412	41st ed.	08/01/2001 LAST LNM: 03/03	NAD 83	CGD07	04/03
		FL-TAMPA BAY AND ST JOSEPH SOUND			
	RELOCATE	Boca Ciega Bay LT 6, FI R 4s 16ft 4M	from to	27-41-42.909N 27-41-43.150N	082-38-08.614W 082-38-07.577W
	CHANGE	Pt Pinellas Ch LT 6 to 16 feet	in	27-42-30.131N	082-36-34.030W
	CHANGE	Anclote Anch S Ent LT 9 to FI G 2.5s 16ft 3M (SG) at		28-09-33.735N	082-50-04.585W
11415	5th ed.	08/01/2002 LAST LNM: 01/03	NAD 83	CGD07	04/03
		FL - TAMPA BAY ENTRANCE			
	RELOCATE	Boca Ciega Bay LT 6, FI R 4s 16ft 4M	from to	27-41-42.909N 27-41-43.150N	082-38-08.614W 082-38-07.577W
	CHANGE	Pt Pinellas Ch LT 6 to 16 feet	in	27-42-30.131N	082-36-34.030W
11416	5th ed.	08/01/2002 LAST LNM: 03/03	NAD 83	CGD07	04/03
		FL-TAMPA BAY			
	RELOCATE	Boca Ciega Bay LT 6, FI R 4s 16ft 4M	from to	27-41-42.909N 27-41-43.150N	082-38-08.614W 082-38-07.577W
	CHANGE	Pt Pinellas Ch LT 6 to 16 feet	in	27-42-30.131N	082-36-34.030W
11426	35th ed.	06/01/2002 LAST LNM: 02/03	NAD 83	CGD07	04/03
		FL-ESTERO BAY TO LEMON BAY INCLUDING CHARLOTTE HARBOR			
	RELOCATE	Pine Is Snd DBN 49 (Supercedes LNM 01/02)	from to	26-36-46.200N 26-36-32.941N	082-12-14.200W 082-12-08.147W
	ADD	Pine Is Snd DBN 49A	at	26-36-46.144N	082-12-14.117W
11427	33rd ed.	10/01/2002 LAST LNM: 02/03	NAD 83	CGD07	04/03
		FL-ICW-FORT MYERS TO CHARLOTTE HARBOR & WIGGINS PASS			
	RELOCATE	Pine Is Snd DBN 49 (Supercedes LNM 01/02)	from to	26-36-46.200N 26-36-32.941N	082-12-14.200W 082-12-08.147W
	ADD	Pine Is Snd DBN 49A	at	26-36-46.144N	082-12-14.117W
	CHANGE	Mantanzas Pass Ch DBN 4A Buoy 4A (Red nun)	to at and to	26-27-56.221N	081-58-04.073W
	RELOCATE			26-27-56.589N	081-58-06.266W
	DELETE	Matanzas Pass Channel DBN 4C	from	26-27-56.221N	081-58-04.073W
11466	36th ed.	Dec 2002 LAST LNM:	NAD 83	(NOS Silver Spring, MD)	04/03
		FL-JUPITER INLET TO FOWEY ROCKS		1: 80,000/LORAN-C/ \$17.75	
		INSET: Lake Worth Inlet NEW EDITION 11AVO11466 (New edition due to numerous Notice to Mariner changes and changes in hydrography)		1 : 20,000	
11467	37th ed.	09/01/2002 LAST LNM: 03/03	NAD 83	CGD07	04/03
		FL- ICW - WEST PALM BEACH TO MIAMI			
(SIDE A)	ADD	Delray Bch Shl B (White can)	at	26-25-53.724N	080-03-53.578W
(SIDE B)	ADD	Biscayne Bay B 6B (Red can)	at	25-54-09.001N	080-07-51.649W
(Inset 2)	ADD	Biscayne Bay B 7 (Green can)	at	25-54-07.838N	080-07-51.515W

11472	30th ed.	07/14/2001	LAST LNM: 03/03	NAD 83	CGD07	04/03
	FL-ICW-PALM SHORES TO WEST PALM BEACH					
	CHANGE	Banana Riv DBN 5A Banana Riv B 5A (Green can)		to and		
	RELOCATE			from to	28-11-09.660N 28-11-09.542N	080-37-19.200W 080-37-19.308W
11476	19th ed.	05/12/2001	LAST LNM: 03/03	NAD 83	CGD07	04/03
	FL-CAPE CANAVERAL TO BETHEL SHOAL					
	CHANGE	Banana Riv DBN 5A Banana Riv B 5A (Green can)		to and		
	RELOCATE			from to	28-11-09.660N 28-11-09.542N	080-37-19.200W 080-37-19.308W
	CHANGE	Banana Riv DBN 17 Banana Riv B 17		to and		
	RELOCATE			from to	28-18-32.790N 28-18-32.844N	080-39-12.684W 080-39-12.681W
11481	4th ed.	08/01/2002	LAST LNM: 03/03	NAD 83	CGD07	04/03
	FL-APPROACHES TO PORT CANAVERAL					
	RELOCATE	SE Outer Shl LB 2, FI R 2.5s (Surveyed Position)		from to	28-22-56.000N 28-22-50.733N	080-25-33.000W 080-25-26.547W
11505	1st ed.	09/23/2000	LAST LNM: 03/03	NAD83	(NOS NW-6292)	04/03
	SC-GA SAVANNAH RIVER APPROACH					
	ADD	6 ft sounding		at	31-51-58.200N	80-53-29.600W
	DELETE	10 ft sounding		at	31-51-57.300N	80-53-30.800W
	ADD	9 ft sounding		at	31-51-59.500N	80-53-54.100W
	ADD	9 ft sounding		at	31-52-20.800N	80-53-45.000W
	DELETE	14 ft sounding		at	31-52-21.300N	80-53-41.700W
	ADD	9 ft sounding		at	31-52-26.300N	80-53-48.700W
	DELETE	13 ft sounding		at	31-52-23.200N	80-53-57.000W
	DELETE	15 ft sounding		at	31-52-00.600N	80-53-48.500W
	ADD	9 ft sounding		at	31-52-13.400N	80-53-57.400W
	DELETE	14 ft sounding		at	31-52-10.100N	80-53-55.700W
	ADD	10 ft sounding		at	31-52-40.000N	80-53-57.400W
	DELETE	13 ft sounding		at	31-52-40.100N	80-53-56.700W
	ADD	9 ft sounding		at	31-54-17.500N	80-53-48.500W
	ADD	2 ft sounding		at	31-52-34.400N	80-53-24.100W
	ADD	9 ft sounding		at	31-51-39.300N	80-53-36.200W
	ADD	10 ft sounding		at	31-51-28.100N	80-53-54.500W
11507	31st ed.	Dec 2002	LAST LNM: 02/03	NAD 83	(NOS Silver Spring, MD)	04/03
	SC-GA-IWW-BEAUFORT RIVER TO ST SIMONS SOUND NEW EDITION 11XHA11507 (New edition due to numerous general changes)				1: 40,000/ \$17.75	

					CCGD07	04/03
(SIDE A)	RELOCATE	S Newport Riv DBN 136 (TR-TY)	from		31-33-53.959N	081-11-41.201W
(SIDE B)			to		31-33-53.618N	081-11-41.145W
11509	27th ed.	01/12/2002	LAST LNM: 03/03	NAD 83	CGD07	04/03
	GA-TYBEE ISLAND TO DOBOY SOUND					
	RELOCATE	Romerly Marsh LT 19, FI G 4s 12ft 4M	from		31-55-57.843N	080-58-34.520W
			to		31-55-57.948N	080-58-34.584W
	RELOCATE	S Newport Riv DBN 136 (TR-TY)	from		31-33-53.959N	081-11-41.201W
			to		31-33-53.618N	081-11-41.145W
					(NOS NW - 6292)	04/03
	ADD	6 ft sounding	at		31-51-58.200N	80-53-29.600W
	ADD	9 ft sounding	at		31-51-59.500N	80-53-54.100W
	ADD	9 ft sounding	at		31-52-20.800N	80-53-45.000W
	ADD	9 ft sounding	at		31-52-26.300N	80-53-48.700W
	ADD	8 ft sounding	at		31-52-23.800N	80-54-03.700W
	ADD	9 ft sounding	at		31-52-13.400N	80-53-57.400W
	ADD	10 ft sounding	at		31-52-40.000N	80-53-57.400W
	ADD	10 ft sounding	at		31-53-07.000N	80-54-04.600W
	ADD	9 ft sounding	at		31-54-17.500N	80-53-48.500W
	ADD	2 ft sounding	at		31-52-34.400N	80-53-24.100W
	ADD	9 ft sounding	at		31-51-39.300N	80-53-36.200W
	ADD	10 ft sounding	at		31-51-28.100N	80-53-54.500W
	DELETE	10 ft sounding	at		31-51-48.900N	80-54-04.300W
	DELETE	13 ft sounding	at		31-52-26.700N	80-53-55.300W
	DELETE	15 ft sounding	at		31-52-03.100N	80-53-48.500W
	ADD	9 ft sounding	at		31-51-45.000N	80-54-02.900W
11510	18th ed.	07/21/2001	LAST LNM: 35/02	NAD 83	CGD07	04/03
	GA-SAPELO AND DOBOY SOUND					
	RELOCATE	S Newport Riv DBN 136 (TR-TY)	from		31-33-53.959N	081-11-41.201W
			to		31-33-53.618N	081-11-41.145W
11511	16th ed.	12/15/2001	LAST LNM: 11/02	NAD 83	(NOS NW - 6292)	04/03
	GA- OSSABAW AND ST CATHERINES SOUNDS					
	ADD	6 ft sounding	at		31-51-58.200N	80-53-29.600W
	DELETE	10 ft sounding	at		31-51-57.300N	80-53-30.800W
	ADD	9 ft sounding	at		31-51-59.500N	80-53-54.100W
	ADD	9 ft sounding	at		31-52-20.800N	80-53-45.000W
	DELETE	14 ft sounding	at		31-52-21.300N	80-53-41.700W
	ADD	9 ft sounding	at		31-52-26.300N	80-53-48.700W
	ADD	8 ft sounding	at		31-52-23.800N	80-54-03.700W

	DELETE	13 ft sounding	at	31-52-23.200N	80-53-57.000W
	DELETE	15 ft sounding	at	31-52-00.600N	80-53-48.500W
	ADD	9 ft sounding	at	31-52-13.400N	80-53-57.400W
	DELETE	14 ft sounding	at	31-52-10.100N	80-53-55.700W
	ADD	10 ft sounding	at	31-52-40.000N	80-53-57.400W
	DELETE	13 ft sounding	at	31-52-40.100N	80-53-56.700W
	ADD	2 ft sounding	at	31-52-34.400N	80-53-24.100W
	ADD	9 ft sounding	at	31-51-39.300N	80-53-36.200W
	ADD	10 ft sounding	at	31-51-28.100N	80-53-54.500W
	ADD	9 ft sounding	at	31-51-45.000N	80-54-02.900W
11512	58th ed.	11/17/2001	LAST LNM: 03/03	NAD 83	CGD07 04/03
	GA-SC-SAVANNAH RIVER AND WASSAW SOUND				
	RELOCATE	Romerly Marsh LT 19, FI G 4s 12ft 4M	from to	31-55-57.843N 31-55-57.948N	080-58-34.520W 080-58-34.584W
			NAD 83	(NOS NW - 6292)	04/03
	ADD	6 ft sounding	at	31-51-58.200N	80-53-29.600W
	DELETE	10 ft sounding	at	31-51-57.300N	80-53-30.800W
	ADD	9 ft sounding	at	31-51-59.500N	80-53-54.100W
	ADD	9 ft sounding	at	31-52-20.800N	80-53-45.000W
	DELETE	14 ft sounding	at	31-52-21.300N	80-53-41.700W
	ADD	9 ft sounding	at	31-52-26.300N	80-53-48.700W
	ADD	8 ft sounding	at	31-52-23.800N	80-54-03.700W
	DELETE	13 ft sounding	at	31-52-23.200N	80-53-57.000W
	DELETE	15 ft sounding	at	31-52-00.600N	80-53-48.500W
	ADD	9 ft sounding	at	31-52-13.400N	80-53-57.400W
	DELETE	14 ft sounding	at	31-52-10.100N	80-53-55.700W
	ADD	10 ft sounding	at	31-52-40.000N	80-53-57.400W
	DELETE	13 ft sounding	at	31-52-40.100N	80-53-56.700W
	DELETE	14 ft sounding	at	31-53-05.300N	80-54-02.000W
	ADD	9 ft sounding	at	31-54-17.500N	80-53-48.500W
	ADD	2 ft sounding	at	31-52-34.400N	80-53-24.100W
11518	32nd ed.	01/12/2002	LAST LNM: 50/02	NAD 83	(NOS NW - 6294) 04/03
(SIDE A)	INTRACOASTAL WATERWAY CASINO CREEK TO BEAUFORT RIVER				
	DELETE	37 ft sounding	at	32-47-09.800N	79-55-16.700W
11521	26th ed.	02/02/2002	LAST LNM: 51/02	NAD 83	(NOS NW - 6265) 04/03
	SC- CHARLESTON HARBOR AND APPROACHES				
	ADD	Tabulation - Charleston Harbor	centered at	32-45-35.000N	80-17-53.000W

11523	21st ed.	02/02/2002	LAST LNM: 51/02	NAD 83	(NOS NW - 6265)	04/03
	SC- CHARLESTON HARBOR ENTRANCE					
	ADD	Tabulation - Charleston Harbor		centered at	32-47-06.000N	79-52-11.000W
11524	45th ed.	01/19/2002	LAST LNM: 03/03	NAD 83	(NOS NW – 6265)	04/03
	SC- CHARLESTON HARBOR					
	ADD	Tabulation - Charleston Harbor		centered at	32-48-30.000N	79-51-30.000W
	DELETE	37 ft sounding		at	32-47-09.800N	79-55-16.700W
					CGD07	04/03
(Temp)	RELOCATE	Cooper Riv Buoy 56B		from	32-53-34.949N	079-57-45.739W
		(Temp Relocated/Dredging Ops)°		to	32-53-26.292N	079-57-48.162W

V. ADVANCE NOTICES

FL- ST MARYS ENTRANCE: [Changes to Aids to Navigation](#)

[St Marys Approach Lighted Buoy STM \(LLNR 560/6460\)](#) will be relocated from 30-40-48.557N/081-11-47.674 to approximate position 30-43-00N/081-14-36W.

[St Marys Approach Lighted Buoys 5, 6, 7, 8 and 9 \(LLNR 6495, 6500, 6505, 6510 and 6515\)](#) respectively will be discontinued.

[St Marys Approach Range Front Light and Range Rear Light \(LLNR 6465, 6470\)](#) will be discontinued. The towers supporting the approach range lights will remain.

[St Marys Approach Lighted Buoy 10 \(LLNR 6520\)](#) characteristics will be changed to Flashing Red 4s.

[St Marys Entrance Lighted Buoy 11 \(LLNR 6535\)](#) will be relocated from 30-42-45.958W/081-17-55.513W to approximate position 030-42-42.450N/081-17-32.000W and the characteristics will be changed to Flashing Green 4s.

This change is schedule to be completed the week of 10 February 2003. For more information contact Commanding Officer, CGC MARIA BRAY at (904) 247-7365.

Ref: LNM 53/02, 01, 02 and 03/03

Chart: 11503

FL- ST MARYS ENTRANCE: [Changes to Aids to Navigation](#)

In conjunction with discontinuing the St Marys Approach Channel the aids to navigation from Lighted Buoy 10 (LLNR 6520) through Kings Bay Light 68 (LLNR 7040) will be renumbered. The work is schedule to start the week of 10 February 2003 and will continue as weather and operation permits. Mariners are urged to play close attention to the Local Broadcast Notice to Marines. For more information contact Commanding Officer, CGC MARIA BRAY at (904) 247-7365.

Ref: LNM 53/02, 01, 02 and 03/03

Chart: 11503

FLORIDA - ICW – NEW RIVER SOUND: [Changes to Aids to Navigation](#).

[NEW RIVER SOUND SHOAL DAYBEACON \(LLNR 47293\)](#) will be established in approximate position 26-06-42.000N 080-06-59.750W displaying NW on a pile worded "DANGER SHOAL". The work will be completed during the week of 10 March 2003. For more information contact Commanding Officer CGC HUDSON at (305) 535-4375.

Ref: LNM 53/02, 01, 02 and 03/03

Chart: 11470

FLORIDA – CHARLOTTE HARBOR TO TAMPA BAY- CHARLOTTE - HARBOR: [Changes in Aids to Navigation](#).

[BOCA GRANDE ENTRANCE RANGE FRONT LIGHT \(LLNR 19900\)](#) will be discontinued.

Work is scheduled to be completed during the week of 17 February 2003. For more information contact Officer in Charge, Aids to Navigation Team St Petersburg, at (727) 824-7634.

Ref: LNM 03/03

Chart: 11425

VI. NEW PROPOSED CHANGES

None.

VII. GENERAL

A. BRIDGE INFORMATION.

SOUTH CAROLINA – CHARLESTON HARBOR – ASHLEY RIVER: Bridge Construction Operations.

The Coast Guard Captain of the Port Charleston advises that mariners will be unable to transit under the Highway 17 (Ashley River) bridge over the Ashley River, due to construction operations from January 31, 2003 until February 15, 2003.

Chart: 11524

CG File: 3119

FLORIDA – OKEECHOBEE WATERWAY – ST. LUCIE RIVER TO CALOOSAHATCHEE RIVER – THOMAS B MANUEL BRIDGE: Bridge Construction.

Construction continues on the Thomas B. Manuel (Florida Turnpike) Bridge across the St. Lucie Canal mile 14.5, Stuart, Martin County, Florida until March 2004. Mariners may experience delays in the area of this construction activity.

Chart: 11428

CG File 2949

B. MISCELLANEOUS INFORMATION

SC-CHARLESTON HARBOR-WANDO RIVER: Tidal Data Collection.

A barge will be collecting tidal data positioned approximately 500 yards north of the Wando-Welch Terminal until March 22, 2003. The barge will be well lighted and mariners are advised to exercise caution when transiting this area.

Ref: LNM 03/03

Chart 11524

FL-ICW-ST SIMONS SOUND TO TOLOMATO RIVER-CUMBERLAND SOUND: Temporary Floating Platform.

Los Alamos National Lab has established a temporary floating platform marked with a yellow four second light (Fl Y 4s) at 30-45-33.100N 081-29-48.000W, approximately 10 yards northwest of CUMBERLAND SOUND LIGHT 52 (LLNR 6995). For additional information or comments, contact Ken Baird at (505) 670-0220. All mariners are advised to exercise caution while transiting the area.

Ref: LNM 52, 53/02 and 01/03 (Updated) and 02 and 03/03

Chart 11503

FL-AMELIA ISLAND-INTRACOASTAL WATERWAY: Hazard to Navigation.

An unlit pier extends into the South Amelia River at Light 29 (LLNR 38080) in approximate position 30-35-09N 081-27-18W. All mariners are advised to exercise caution while transiting this area.

Chart 11489

FL-HILLSBORO INLET CHANNEL-DEERFIELD BEACH: Dredging Operations.

Weeks Marine, Inc. of Covington, Louisiana has resumed dredging operations in the entrance of the Hillsboro Inlet Channel through February 3, 2003. A crane barge, towing vessel and divers are operating in the area during the day. The crane barge is spudding down at night and all equipment will have required nighttime lighting. Both the crane barge and towing vessels are monitoring VHF-FM Channels 13 and 16. For additional information or clarification, contact Charles R. Balentine at (985) 875-2525. All mariners are advised to exercise caution while transiting this area.

Ref: LNM 02 and 03/03

Chart: 11467

VIII. LIGHT LIST CORRECTIONS

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
930	TRIUMPH REEF LIGHT 2TR	25 28 36 N 80 06 42 W	FI R 2.5s	19	5 *	TR on dolphin.	(04/03)
950	ELBOW REEF LIGHT 6	25 08 42 N 80 15 30 W	FI R 2.5s	36	5 *	TR on skeleton tower on piles.	(04/03)
1005	BIG PINE SHOAL LIGHT 22 On seaward edge of reef	24 34 06 N 81 19 30 W	FI R 2.5s	16	5 *	TR on dolphin.	(04/03)

1035 14490	- LIGHT 32	24 28 24 N 81 44 30 W	FI R 2.5s	19	5	TR on dolphin.	
					*		(04/03)
1728 23725	- RANGE REAR LIGHT 1,728 yards 178.7° from front light.		Iso W 6s FI W 4s	58 23	5	KRW on skeleton structure on piles.	Visible 2° each side of rangeline. Passing light obscured on rangeline, visible elsewhere. (04/03)
	*				*		
4235 35595	PARRIS ISLAND SPIT LIGHT 246	32 16 42 N 80 40 00 W	FI R 4s	16	4	TR-TY on dolphin.	Higher intensity beam down Port Royal Sound. (04/03)
					*		
6910 37745	- RANGE D REAR LIGHT 1,318 yards, 351.2° from front light.		Iso R 6s	35		KRW on skeleton tower on piles.	Visible all around; higher intensity on rangeline. (04/03)
				*			
7370	- LIGHT 38		FI R 6s	16	4	TR on dolphin	(04/03)
					*		
7680	WINTER POINT LIGHT 2		FI R 4s	16	4	TR on dolphin.	(04/03)
					*		
8480	NORWALK POINT LIGHT 58		FI R 4s	16	3	TR on pile.	(04/03)
					*		
9830	- <i>Lighted Buoy 7</i>		FI G 2.5s		4	Green.	(04/03)
					*		
9840	- <i>Lighted Buoy 9</i>		FI G 4s		4	Green.	(04/03)
					*		
9950	- <i>Lighted Buoy 12</i>	27 28 00 N 80 18 27 W	FI R 4s		4	Red.	(04/03)
					*		
10775 48470	BISCAYNE BAY LIGHT 50	25 46 54 N 80 10 54 W	FI R 2.5s (W sector)	12	4	TR-TY on pile.	White from 215° to 295°. (04/03)
					*		
14490 1035	- LIGHT 32	24 28 24 N 81 44 30 W	FI R 2.5s	19	5	TR on dolphin.	(04/03)
					*		
23725 1728	- RANGE REAR LIGHT 1,728 yards 178.7° from front light.		Iso W 6s FI W 4s	58 23	5	KRW on skeleton structure on piles.	Visible 2° each side of rangeline. Passing light obscured on rangeline, visible elsewhere. (04/03)
	*				*		
24700 60510	- LIGHT 1	27 40 58 N 82 36 34 W	FI G 2.5s	16	3	SG-SY on pile.	(04/03)
		*					
25020	- LIGHT 2	27 46 18 N 82 37 30 W	FI R 4s	18	5	TR on pile on small white house.	Higher intensity beam downstream. (04/03)
					*		
26100	- LIGHT 9		FI G 2.5s	16	3	SG on pile.	(04/03)
				*			
29235	- LIGHT 21	28 57 29 N 82 50 46 W	FI G 4s	16	4	SG on pile.	(04/03)
		*		*			

32700	TWO BROTHERS LIGHT	18 20 36 N 64 49 00 W	FL W 6s	23	6	NR on skeleton tower.	
					*		(04/03)
35595 4235	PARRIS ISLAND SPIT LIGHT 246	32 16 42 N 80 40 00 W	FI R 4s	16	4	TR-TY on dolphin.	Higher intensity beam down Port Royal Sound. (04/03)
					*		
35615	- ENTRANCE LIGHT 3		FI G 2.5s	16	4	SG-SY on dolphin.	Higher intensity beam toward Parris Island Spit Light 246. (0403)
					*		
36705	- LIGHT 157		FI G 4s	12	4	SG-SY on pile.	(04/03)
					*		
36790	- LIGHT 175		FI G 4s	12	4	SG-SY on pile.	(04/03)
					*		
36795	DOBOY SOUND LIGHT 178		Q R	16	4	TR-TY on dolphin.	(04/03)
					*		
36930	- LIGHT 209		Q G	12	3	SG-SY on pile.	(04/03)
					*		
37020	- RANGE B FRONT LIGHT 218	31 18 06 N 81 24 06 W	Q R	16	4	KRW TR-TY on pile.	(04/03)
					*		
37195	- LIGHT 245		FI G 4s	12	4	SG-SY on pile.	(04/03)
				*			
37205	- LIGHT 247		FI G 6s	12	4	SG-SY on dolphin.	(04/03)
					*		
37313	JEKYLL CREEK LIGHT 11	31 05 06 N 81 26 00 W	FI G 4s	12	3	SG-SY on pile.	(04/03)
					*		
37350	- LIGHT 23		FI G 4s	12	4	SG-SY on pile.	(04/03)
					*		
37405	- LIGHT 35		FI G 4s	16	4	SG-SY on pile.	(04/03)
					*		
37410	- LIGHT 37		FI G 6s	16	4	SG-SY on pile.	(04/03)
					*		
37620	- LIGHT 62A		FI R 2.5s	12	3	TR-TY on pile.	(04/03)
				*			
37745 6910	- RANGE D REAR LIGHT 1,318 yards, 351.2° from front light.		Iso R 6s	35		KRW on skeleton tower on piles.	Visible all around; higher intensity on rangeline. (04/03)
				*			
38215	- LIGHT 57		FI G 4s	12	4	SG-SY on pile.	(04/03)
					*		
42435	- Buoy 5A					Green can.	(04/03)
	*					*	
42560	- Buoy 17					Green can.	(04/03)
	*					*	

43240	- LIGHT 7	28 04 30 N 80 35 54 W	Q G	12	4	SG on pile.	Higher intensity down channel. Obscured from 143° to 326°. (04/03)
					*		
45080	- LIGHT 182		FI R 4s	16	4	TR-TY on pile.	Higher intensity to the north. (04/03)
					*		
47113	Delray Beach Shoal Buoy	*	*	*	*	White.	* (04/03)
47823	- Buoy 6B	*	*	*	*	Red nun.	* (04/03)
47828	- Buoy 7	*	*	*	*	Green can.	* (04/03)
48470 10775	- LIGHT 50	25 46 54 N 80 10 54 W	FI R 2.5s (W sector)	12	4	TR-TY on pile.	White from 215° to 295°. (04/03)
					*		
48545	- LIGHT 64		FI R 2.5s	16	4	TR-TY on pile.	Higher intensity beam oriented down channel. (04/03)
					*		
55415	- LIGHT 16		FI R 4s	16	4	TR-TY on pile.	(04/03)
					*		
55980	- Daybeacon 49	26 36 33 N 80 12 08 W				SG-SY on pile.	(04/03)
		*					
60510 24700	- LIGHT 1	27 40 58 N 82 36 34 W	FI G 2.5s	16	3	SG-SY on pile.	(04/03)
		*					

IX. ADDITIONAL ENCLOSURES

Enclosure: (1) Tabulation of Controlling Depths: Charleston Harbor Entrance (Charts 11521, 11522, and 11524)
(2) Report of Channel Conditions (Chart 11523)

J. S. Carmichael
Rear Admiral, U. S. Coast Guard
Commander, Seventh Coast Guard District

CHART 11521

CHARLESTON HARBOR ENTRANCE								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2000 AND SURVEYS TO NOV 2002								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
FORT SUMTER RANGE	44.9	47.5	47.4	45.6	5-02	1000	13.2	47
MOUNT PLEASANT RANGE	45.7	46.6	46.9	47.7	11-02	1000-600	1.6	45
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

CHART 11523

CHARLESTON HARBOR ENTRANCE								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2000 AND SURVEYS TO NOV 2002								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
FORT SUMTER RANGE	44.9	47.5	47.4	45.6	5-02	1000	13.2	47
MOUNT PLEASANT RANGE	45.7	46.6	46.9	47.7	11-02	1000-600	1.6	45
REBELLION REACH	47.2	47.8	47.2	47.8	11-02	600	1.4	45
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

CHART 11524

CHARLESTON HARBOR, COOPER RIVER AND SHIPYARD RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS- REPORT OF NOV 2000 AND SURVEYS TO NOV 2002								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
FORT SUMTER RANGE	44.9	47.5	47.4	45.6	5-02	1000	9.0	47
MOUNT PLEASANT RANGE	45.7	46.6	46.9	47.7	11-02	1000-600	1.6	45
REBELLION REACH	47.2	47.8	47.2	47.8	11-02	600	1.4	45
SHUTES-FOLLY REACH	46.2	47.3	47.6	47.6	10-02	600-800	1.3	45
HORSE REACH	47.5	48.3	48.2	44.6	5,11-02	800	0.5	45
CUSTOMHOUSE REACH	34.9	48.3	48.6	46.2	5,11-02	1385	0.2	45
SOUTH CHANNEL	24.4	24.8	24.5	A24.3	10-96	600-1000	3.1	45
HOG ISLAND REACH	46.7	47.3	43.2	39.2	11-02	600-1300	1.5	45
DRUM ISLAND REACH	45.0	47.8	48.0	44.7	10-02	600-1300	0.7	45
TOWN CREEK LOWER REACH	34.6	38.9	39.0	35.9	11-02	400-450	1.1	45
TURNING BASIN	36.5	34.3	34.2	33.4	5-02	250	0.25	45
TOWN CREEK UPPER REACH	35.2	40.2	40.9	40.5	11-01;5-02	250	1.0	45
MYERS BEND	42.0	47.2	48.1	48.0	11-01;10-02	600-900	0.4	45
DANIEL ISLAND REACH	39.7	43.3	45.7	40.4	10-02	880-980	1.2	45
DANIEL ISLAND BEND	48.7	48.3	48.8	48.5	10-02	700-780	0.4	45
CLOUTER CREEK REACH	41.7	42.7	42.9	40.8	10-02	600	0.9	45
NAVY YARD REACH	38.9	43.0	41.9	35.0	10-02	600-700	1.1	45
NORTH CHARLESTON REACH	34.3	42.5	42.6	43.2	10-02	500-600	1.0	45
FILBIN CREEK REACH	39.8	41.6	42.7	43.4	10-02	500	0.6	45
PORT TERMINAL REACH	36.7	42.6	41.8	41.4	10-02	600	0.7	45
ORDNANCE REACH	37.8	35.8	36.3	36.9	10-02	600	0.3	45
ORDNANCE REACH TURNING BASIN	44.6	43.9	43.1	43.0	10-02	800	0.26	45
WANDO RIVER								
LOWER REACH	42.7	45.6	46.7	36.5	5,10-02	1500-400	1.3	45
UPPER REACH	B41.7	B41.9	B47.8	B42.2	10-02	400-850	0.74	45
TURNING BASIN	41.5	38.6	43.7	45.8	10-02	550	0.3	45
SHIPYARD CREEK								
MAIN CHANNEL	26.2	27.4	29.0	27.2	8,10-00	1200-300	1.0	30
LOWER TURNING BASIN	37.9	38.9	40.0	40.8	8,10-00	700	0.2	38
UPPER TURNING BASIN	22.0	23.4	23.7	24.7	8,10-00	600	0.15	30
COOPER RIVER								
RANGE A	38.7	37.4	38.3	38.9	7,8-98;12-99	400-1350	1.02	35
RANGE B	20.5	25.2	36.4	37.0	12-99	VARIES	0.74	35
RANGE C	20.6	26.1	38.3	36.1	7,8-98;12-99;1-00	VARIES	0.76	35
RANGE D	30.2	37.4	37.8	37.1	2-00	VARIES	0.58	35
RANGE E	32.1	34.8	38.2	36.3	1-95	VARIES	0.38	35
RANGE F	25.0	36.6	35.2	33.9	1-95	VARIES	0.29	35
A. ALONG CHANNEL EDGE.								
B. FROM BOUY 8 TO END OF REACH SHOALING OCCURS WITH MIN DEPTH OF 36 FT								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

REPORT OF CHANNEL CONDITIONS						PAGE 1 OF 2 PAGE	
100 TO 400 FEET WIDE (ER 1130-2-316)						DATE January 2003	
TO:			FROM: US ARMY CORPS OF ENGINEERS - CHARLESTON 69A HAGOOD AVE. CHARLESTON, SOUTH CAROLINA 29403-5107				
RIVER/HARBOR NAME AND STATE Charleston Harbor (8899)					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (miles)	DEPTH (feet)			
ENTRANCE CHANNEL							
Sheet 2 of 16 -- (8899s02) -900+00 to -830+00 NOAA CHART NO. 11523	DEC 2002	800	1.1	47	48.6	47.7	47.8
Sheet 3 of 16 -- (8899s03) -830+00 to -780+00 NOAA CHART NO. 11523	DEC 2002	800	0.7	47	49.4	49.1	48.8
Sheet 4 of 16 -- (8899s04) -780+00 to -710+00 NOAA CHART NO. 11523	DEC 2002	800	1.2	47	49.4	49.1	48.7
Sheet 5 of 16 -- (8899s05) -710+00 to -650+00 NOAA CHART NO. 11523	DEC 2002	800	1.0	47	48.3	48.0	48.0
Sheet 6 of 16 -- (8899s06) -650+00 to -590+00 NOAA CHART NO. 11523	DEC 2002	800	1.0	47	48.6	47.7	47.7
Sheet 7 of 16 -- (8899s07) -590+00 to -530+00 NOAA CHART NO. 11523	DEC 2002	800	1.0	47	49.1	48.9	49.0
Sheet 8 of 16 -- (8899s08) -530+00 to -470+00 NOAA CHART NO. 11523	DEC 2002	800	1.0	47	49.6	47.1	48.7
Sheet 9 of 16 -- (8899s09) -470+00 to -410+00 NOAA CHART NO. 11523	DEC 2002	800	1.0	47	50.0	49.4	49.3
REMARKS 1. ALL DEPTHS REFER TO LOCAL MEAN LOW WATER. 2. THE INFORMATION SHOWN REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND REFLECTS THE GENERAL CONDITIONS AT THAT TIME. 3. THE RIGHT AND LEFT SIDES OF THE CHANNEL REFER TO TRAVEL IN A GENERAL DIRECTION WHEN ENTERING FROM SEAWARD 4. THE NATURAL CHANNEL WIDTH GENERALLY EXCEEDS THE PROJECT WIDTH SHOWN. 5. POINT OF CONTACT: DOUG HOLMES PHONE: 843-329-8135 6. Minimum depths based on profile lines.							

REPORT OF CHANNEL CONDITIONS						PAGE 2 OF 2 PAGE	
100 TO 400 FEET WIDE (ER 1130-2-316)						DATE January 2003	
TO:				FROM: US ARMY CORPS OF ENGINEERS – CHARLESTON 69A HAGOOD AVE. CHARLESTON, SOUTH CAROLINA 29403-5107			
RIVER/HARBOR NAME AND STATE Charleston Harbor (8899)					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (miles)	DEPTH (feet)			
Sheet 10 of 16 -- (8899s10) -410+00 to -350+00 NOAA CHART NO. 11523	DEC 2002	800	1.0	47	49.1	49.1	48.8
Sheet 11 of 16 -- (8899s11) -350+00 to -290+00 NOAA CHART NO. 11523	DEC 2002	800	1.0	47	46.0	46.6	45.8
Sheet 12 of 16 -- (8899s12) -290+00 to -230+00 NOAA CHART NO. 11523	NOV 2002	800	1.0	47	43.3	46.6	44.6
Sheet 13 of 16 -- (8899s13) -230+00 to -170+00 NOAA CHART NO. 11523	NOV 2002	800	1.0	47	43.1	46.1	44.6
Sheet 14 of 16 -- (8899s14) -170+00 to -120+00 NOAA CHART NO. 11523	NOV 2002	800	0.8	47	44.6	47.4	46.1
Sheet 15 of 16 -- (8899s15) -120+00 to -50+00 NOAA CHART NO. 11523	NOV 2002	800	1.2	47	47.7	48.4	48.7
Sheet 16 of 16 -- (8899s16) -50+00 to 0+00 NOAA CHART NO. 11523	NOV 2002	800	0.8	47	48.1	47.6	48.4
REMARKS 1. ALL DEPTHS REFER TO LOCAL MEAN LOW WATER. 2. THE INFORMATION SHOWN REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND REFLECTS THE GENERAL CONDITIONS AT THAT TIME. 3. THE RIGHT AND LEFT SIDES OF THE CHANNEL REFER TO TRAVEL IN A GENERAL DIRECTION WHEN ENTERING FROM SEAWARD 4. THE NATURAL CHANNEL WIDTH GENERALLY EXCEEDS THE PROJECT WIDTH SHOWN. 5. POINT OF CONTACT: DOUG HOLMES PHONE: 843-329-8135 6. Minimum depths based on profile lines.							